Patent Claims

1. Stabilizing arrangement for a guide carriage, particularly for a sliding door or the like which is movable by a linear drive, wherein the displaceable leaves are suspended in a hovering state by magnets, characterized in that the guide carriage (4) is provided with at least one supporting roller (53) which is supported at least at times on a guide track (57).

2. Stabilizing arrangement according to claim 1, characterized in that a supporting roller (53) is provided, respectively, in the front end area and in the rear end area of the guide carriage (4).

3. Stabilizing arrangement according to one of the preceding claims, characterized in that the two supporting rollers (53) are arranged on the same side of the guide carriage (4).

4. Stabilizing arrangement according to one of the preceding claims, characterized in that the supporting rollers (53) have a bearing shaft (54) which penetrates the guide carriage (4) in a bore hole (55).

5. Stabilizing arrangement according to one of the preceding claims, characterized in that a freely rotatable roller (56) running on the guide track (57) is arranged at one end of the bearing shaft (54) eccentric to the shaft axis.

6. Stabilizing arrangement according to one of the preceding claims, characterized in that a thread serving to receive a fastening screw is arranged at the other end of the bearing shaft (54).

7. Stabilizing arrangement according to one of the preceding claims, characterized in that the roller (56) is detachably arranged at the bearing shaft (54).

8. Stabilizing arrangement according to one of the preceding claims, characterized in that the roller (56) rolls on the guide track (57) during the entire movement process of the sliding door (4).

9. Stabilizing arrangement according to one of the preceding claims, characterized in that the roller (56) has a slight distance from the guide track (57) and rolls on the guide track (57) only during the start phase and end phase of the movement process of the sliding door (5).